

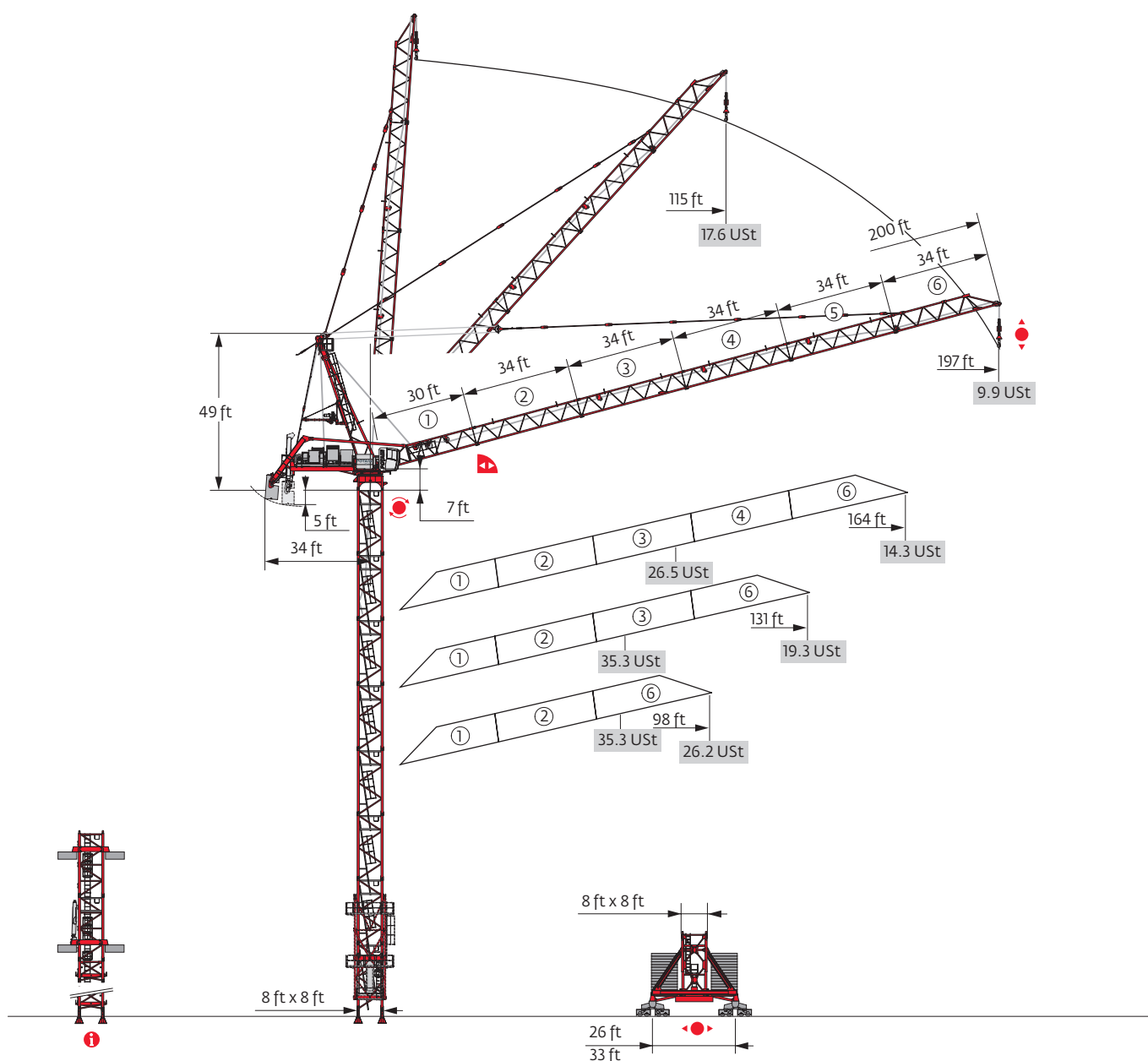
Grove Manitowoc National Crane Potain



Potain MR 605 B H32

Data Sheet

FEM 1.001-A3



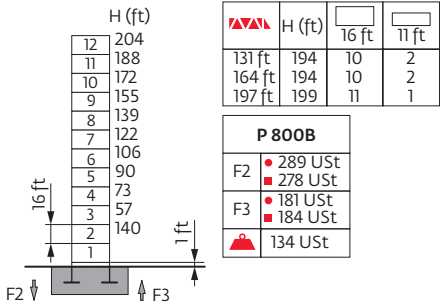
Values have been rounded



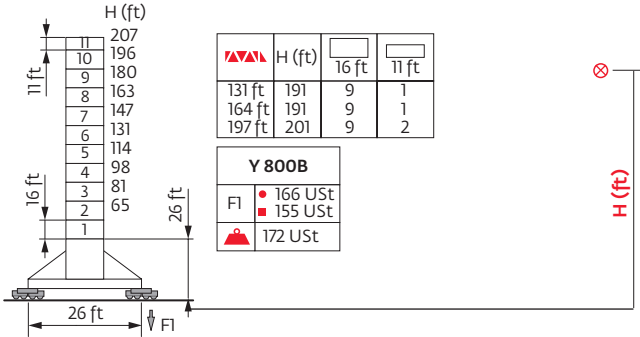
Mast

8 ft

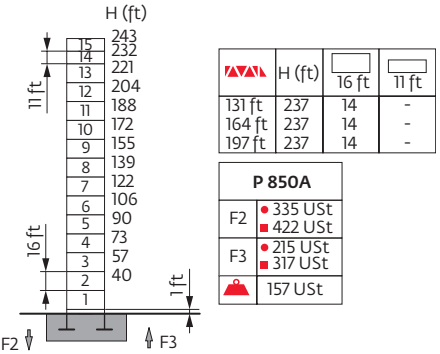
98 ft



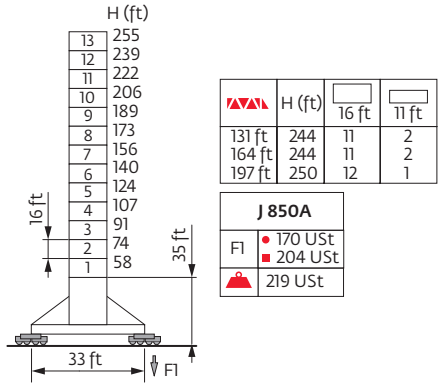
98 ft



98 ft



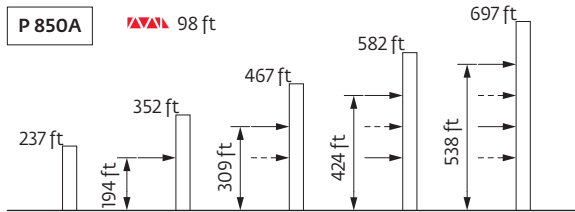
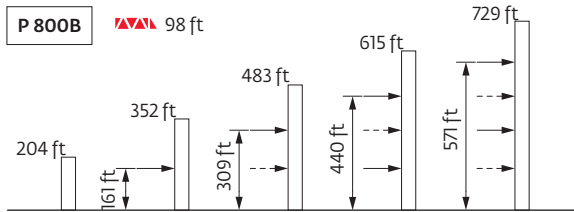
98 ft



●	Reactions in service
■	Reactions out of service
▲	Weight without load, without ballast, with jib and max. height



Anchorage



Load charts

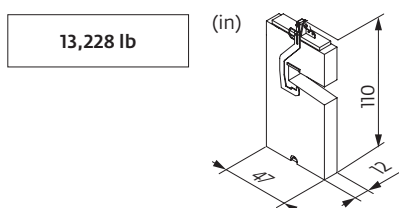
[illegible]

Base ballast

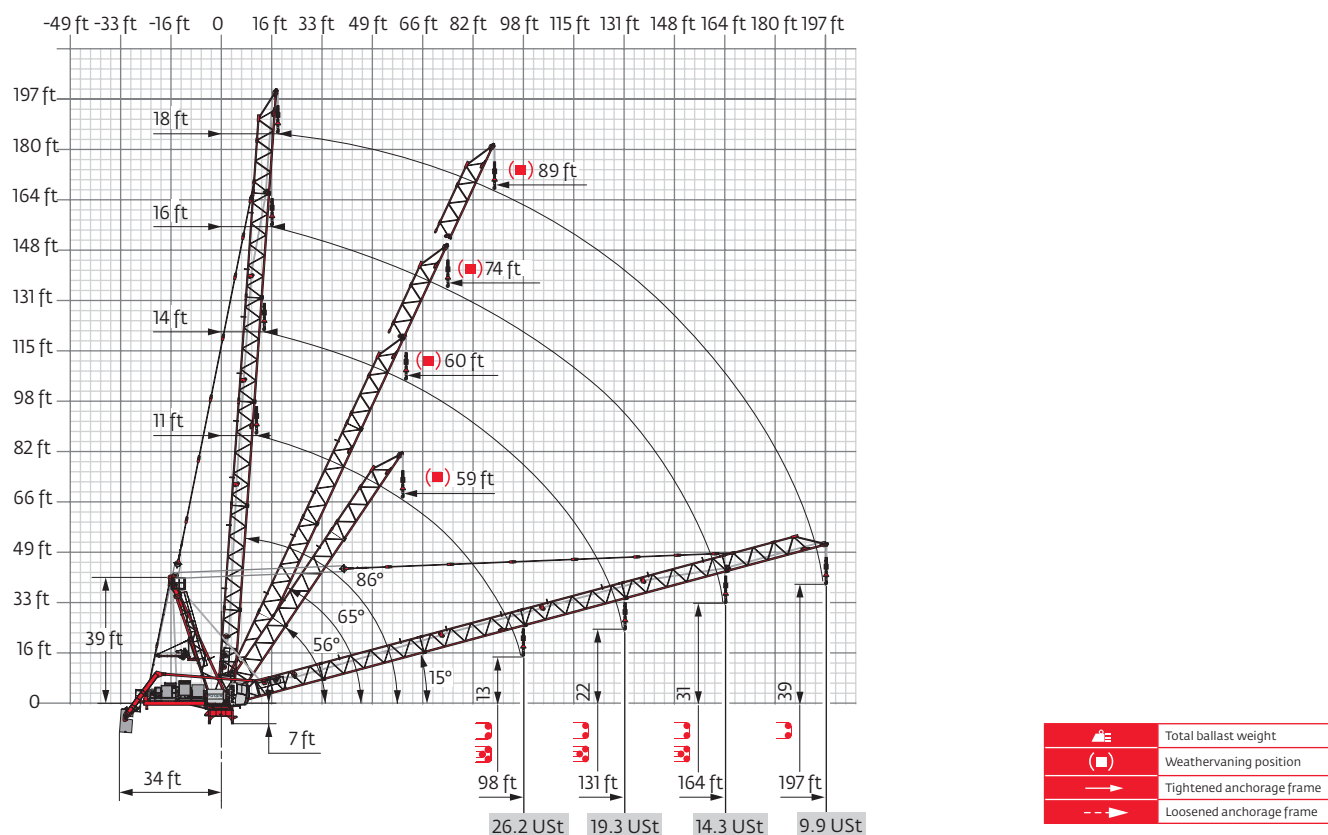
	8 ft			
	Y 800B		J 850A	
	H (ft)	(USt)	H (ft)	(USt)
98 ft	207	105.8	255	79.4
131 ft	191	92.6	244	79.4
164 ft	191	79.4	244	92.6
197 ft	201	145.5	250	158.7

Counter-jib ballast

	13,228 lb	(lb)
98 ft	8	105,822
131 ft	9	119,050
164 ft	10	132,277
197 ft	10	132,277

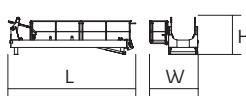
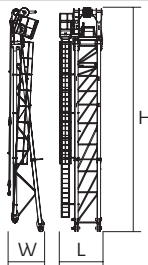
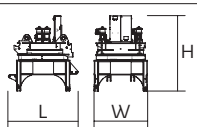
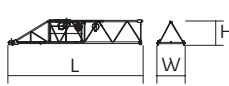
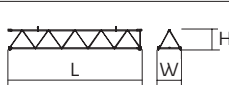
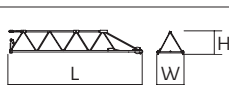
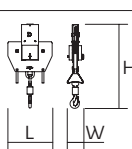
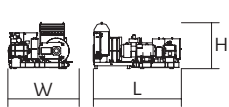
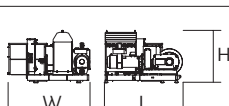


Luffing jib



Component weights

 Crane upper :  197 ft -  180/215 LBR


			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib			21.7	8.5	6.6	7385
Towerhead			8.8	6	45.9	19,621
Cab		Ultra View	14.7	6.5	8.2	3329
Pivot		8 ft	9	8.2	9.9	28,991
Jib section		①	31.5	6.2	5.9	5732
Jib section		② ③ ④ ⑤	34.7 34.7 34.7 34.7	6.2 6.2 6.2 6.2	6 6 6 6	4211 4299 3616 3086
Jib section		⑥	34.1	6.2	6	5291
Hookblock			4.7	1.7	8.9	3549
Hoisting winch (+ rope)		180/215 LBR	13.3	9.3	7	23,248
Luffing winch (+ rope)		90/108 VBR	9.4	7.5	6.2	8047

Component weights

			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Climbing cage		8 ft	15.2	19	33.6	28,484
K 850/KR 849A KRMT 849A KMT 850.10A KMT 850.9A		8 ft	17.2 17.2 17.5 17.5	8.3 8.3 8.3 8.3	8.2 8.3 8.2 8.2	12,291 9017 12,015 10,582
KRMT 849C		8 ft	11.7	8.4	8.3	7066
Fixing angles		P 800B P 850A	2.5 3	2.5 3	4.2 4.9	1025 1841
Chassis mast		Y 800B J 850A	19.8 29.4	9.6 9.6	9.6 9.6	19,004 31,416
Strut		Y 800B J 850A	18.1 28.1	1.6 1.7	1.5 1.3	2447 3638
1/2 Side member		J 850A J 850A Y 800B	24 24.3 18.6	2.3 2.3 4.1	3.3 3.7 2.4	5688 5798 3351
Side member		Y 800B	39.4	4.1	2.4	6724
Ballast support		Y 800B	12.3	1.2	3	2392
Chassis beam		J 850A Y 800B	35.1 28.5	2.9 2.7	2.8 2.4	7319 4938

	Lorry 44 ft
	Container High Cube 40 ft, and/or Flat Rack 20 ft

Mechanisms

400 V - 50 Hz											hp	kW	
	180 LBR 80	fpm	12/125	20/197	31/312	50/499	6/62	10/98	16/156	25/249	180	132	3576 ft
		USt	17.6	11.1	6.5	3.6	35.3	22.3	13	7.2			
	90 VBR	m/min	3 min 17 s								90	66	
	R - 13,2	rpm	0 → 0.67								3 x 6	3 x 4.4	
Y 800B 	RT 584 A1 - 2V	fpm	44 - 89								8 x 7	8 x 5.2	
J 850A 													

 IEC 60204-32	kVA
400 V (+10% -10%) 50 Hz	180 LBR : 270 kVA

480 V - 60 Hz											hp	kW	
	215 LBR 80	fpm	15/151	24/236	37/374	60/597	8/75	12/118	19/187	30/299	215	158	3576 ft
		USt	17.6	11.1	6.5	3.6	35.3	22.3	13	7.2			
	108 VBR	m/min	2 min 44 s								108	79	
	R - 15,8	rpm	0 → 0.8								3 x 7.2	3 x 5.3	
Y 800B 	RT 584 A1 - 2V	fpm	52 - 105								8 x 8.4	8 x 6.2	
J 850A 													

 IEC 60204-32	kVA
480 V (+6% -10%) 60 Hz	215 LBR : 325 kVA

	Hoisting
	Luffing
	Slewing
	Travelling
kVA	Rated power
	Consult us

Notes

Constant improvement and engineering progress make it necessary that we reserve the right to make specification, equipment and price changes without notice. Illustrations shown may include optional equipment and accessories, and may not include all standard equipment.



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